

IN THE CLAIMS

Please amend the claims as follows:

Claim 1 (Currently Amended): A communication terminal including a rewritable non-volatile memory and a rewritable volatile memory, the communication terminal comprising:

means for limiting operation of software using the rewritable volatile memory in response to a received update file information and securing, in response to the received update file information, an area required for storing the update file in the rewritable volatile memory before receiving the update file from a software management server, the volatile memory being used by the software during normal operation;

means for requesting transfer of the update file to the software management server after the area required for storing the update file in the rewritable volatile memory is secured;

means for receiving the update file from the software management server, and storing the update file in the rewritable volatile memory; and

means for rewriting software stored in the rewritable non-volatile memory that is directly executed, with the update file stored in the rewritable volatile memory.

Claim 2 (Previously Presented): The communication terminal according to Claim 1, wherein the means for receiving stores the update file in the area of the rewritable volatile memory, secured by limiting the operation of software which uses the rewritable volatile memory.

Claim 3 (Previously Presented): The communication terminal according to Claim 1, further comprising:

means for receiving the update file information, including size information of the update file, from the software management server,

wherein the means for limiting secures the area for storing the update file in the rewritable volatile memory on the basis of the size information included in the update file information.

Claim 4 (Previously Presented): The communication terminal according to Claim 1, further comprising:

means for storing identification information of the communication terminal; and  
means for transmitting the stored identification information of the communication terminal to the software management server.

Claim 5 (Previously Presented): The communication terminal according to Claim 1, further comprising:

means for storing identification information of the software stored in the rewritable non-volatile memory; and  
means for transmitting the identification information of the stored software to the software management server.

Claim 6 (Previously Presented): The communication terminal according to Claim 5, wherein the means for receiving receives a differential file, transmitted from the software management server on the basis of the identification information of the software.

Claim 7 (Previously Presented): The communication terminal according to Claim 1, wherein the means for receiving receives the update file by wireless communication.

Claim 8 (Previously Presented): The communication terminal according to Claim 1, further comprising:

means for judging whether a rewrite of the software is successful;

means for performing wire communication with a software restoration apparatus for restoring the software by transferring the software to the rewritable non-volatile memory, when the means for judging judges that the rewrite of the software fails; and

means for receiving the software from the software restoration apparatus and storing the software in the rewritable non-volatile memory.

Claim 9 (Currently Amended): A computer-readable medium storing computer readable instructions thereon, the computer-readable instructions when executed by a processor of a communication terminal cause the processor to perform the steps comprising:

limiting operation of software using which ~~uses~~ the rewritable volatile memory in response to a received update software information, the rewritable volatile memory being used by the software during normal operation;

securing, in response to the received update file information, an area required for storing an update file in the rewritable volatile memory before receiving the update file from a software management server;

requesting transfer of the update file from the software management server after the area required for storing the update file is secured in the rewritable volatile memory;

receiving, upon a transfer request by the communication terminal, the update file;

storing the update file in the secured area of rewritable volatile memory; and

rewriting a software, s stored in the rewritable non-volatile memory, with the update file stored in the rewritable volatile memory.

Claim 10 (Currently Amended): A software update system comprising:

a communication terminal including

means for limiting, in response to a received update file information, operation of software using a rewritable volatile memory and securing, in response to the received update file information, an area required for storing an update file in the rewritable volatile memory before receiving the update file from a software management server, the rewritable volatile memory being used by the software during normal operation;

means for requesting transfer of the update file from the software management server after securing the area required for storing the update file in the rewritable volatile memory;

means for receiving the update file from the software management server, and storing the update file in the rewritable volatile memory; and

means for rewriting software, stored in a rewritable non-volatile memory, with the update file stored in the rewritable volatile memory, after completion of storing the update file to the rewritable volatile memory by the update file reception means, and

the software management server including

means for transmitting the update file to the communication terminal upon a transfer request by the communication terminal.

Claim 11 (Previously Presented): The software update system according to Claim 10, wherein the communication terminal further includes

means for storing identification information of the software stored in the rewritable non-volatile memory, and

means for transmitting the identification information of the stored software, to the software management server; and

the software management server further includes

means for producing a differential file of the update software of the software, on the basis of the identification information of the software transmitted from the communication terminal,

means for transmitting the differential file to the communication terminal, and

means for receiving the differential file transmitted by the software management server.

Claim 12 (Previously Presented): The software update system according to Claim 10, further comprising:

a software restoration apparatus configured to connect to the communication terminal via wire communication and configured to transfer a software to the rewritable non-volatile memory of the communication terminal, restoring the software in the rewritable non-volatile memory,

wherein the communication terminal further includes

means for judging whether a rewrite of the software succeeds;

means for performing wire communication with the software restoration apparatus for restoring the software, by transferring the software to the rewritable non-volatile memory when the rewrite of the software fails; and

means for receiving the software from the software restoration apparatus and storing the software in the rewritable non-volatile memory.